



To the aggressor, whose men

have fallen prev to Panthers*...

TAKE WAR

.Cougar Jets are coming!

*Grumman Panther Jets, the first Navy jet fighters to see action in Korea, are being succeeded by faster, swept-wing Cougar Jets.

GRUMMAN AIRCRAFT ENGINEERING CORPORATION BETHPAGE LONG ISLAND NEW YORK

Designers and builders also of the Albatross triphibian and the S2F-1, sub-killer.





SUNDSTRAND

Package-Type Canstant Speed Drive...now adapted far jet engine applications! The Pockage Type Dave on confe be



INTEGRATED UNIT



can under easing labe of or, if descrip-

TRANSPER PRODUCT PROPERTY AN

Parties soundiness are finding P our class & P. Goodsch Delices per dieur own vor as sine sered, deless

Delice phodone a bull rate involve of a conguer Newton tree of BPG De-

Remote, concept smile, hose and other sources. The B. P. Gandrich Co.

Die Dere State

B.F.Goodrich



Rubber boots help a businessman hurry

Need a

RIGHT ANGLE DRIVE?



Perhaps the compact desires selve your problem And cazacity of units many times rated at 1/5 hp at 1800 eres -Model R-920 at 1 hp Both and hall bearings are labelcomplet with other 7 or 1.

ANGLeons are described fol-Francesce Catalog We say. post you refer to the oubles-

∠nannanners ACCESSORIES CORPORATION

Aviation Week

National Pers Bits. Workington 4, D. C. Tel. Historial 8-1414

| Robert W. Martin, 3: | PAR | June . |
|-------------------------------------|-------------------------------|--------------|
| Robert H Wood | Editor | |
| Robert B. Histo Executive Editor | Media H. Model Mengag Edeo | |
| | Sout Remiger | New F |
| Alcundo McSardy , Ariston Salely | Ervin J. Solben | Special Aveg |

David A Andreas ... Engineering Richard Substitute Iron Store Technical William I Counties O. L. Charter Roscows, Maintenance Hours Labor Outo, Plan hairney Las T Toron

Cloubsed 15 . 1510 Blacca Nidg. Sen Francesco 4 PERSON NEWS SERVICE Fifther Street K Van Deubour B. Monda Network McKittenh Means Can Lunden Goold W Schools Tokso

Arlafon Wesk a smed by Franchisonness, Inc., a releadory of Associated Fran Sales Environmentation: 1 C. Anthone, New York, 31 P. Johnson, Chryslesel, 5. 3 Ref.

1991 Who he House Wide - Blasman M.

latter Cecl., Bulley, Robert H. Selve, Affender, S. E. Dorland, Son Francisco, C. F. ANATION WEST & June 15, 1953 & You GL. No. 24 Nicolar AST and ASC The Religion makes to be story to the fact to be A STATE OF THE PARTY OF THE PARTY OF THE PARTY.

the Real Property of Lond Street Street Print, \$7 Acr



Company was called as be the Navy to design and held enaged, arborns component to do this sib

lay the Armed Forces since 2015. For from the unit engage-Military are Frud mornitive





NEWS DIGEST

Domestic

Copy-counted 6-47 backs the town AER, Fig. to Section. Each homion

Pan American World Assert! Labor

aloned 55 million of reserves on set a first expect and fature new in New labor agreement has been signed

the United Automobile Windom (CBO).



Come (Aradian West Jan. I., p. 10, Photo terretic travels type Two other reasons of Traven Novid 27 shows from mr of hore box planests forward turbopary corn peach to our meistrance. Skild to time and a because Model 29 agreed by he assemble as Assettant Salking on Affice State of Salking Salking

First Scatoga possibase of Berch Air coff Core's manders, allowed TOTA Moster trimer his been made under a Revenuel B. Kinsen, Commerce De-

henengs lines 16 on the first Metory Ast Trespostston cosh at Lambert Field, St. Louis, May 23, Soc skell or

Transcore Air Eine's plans to on

Brudis-Skener Division, purefic-

PUNKLAGE MOCKUP of beliepop Musch 6 delverny LASS sho and 27 ft tweet designed by Tenes Assort Corp., down at 100 asph. the such a diagnost to

ferred stork. The commission regists an Cit's refine when as shown

ways at fighter, made its market defeat

Me. Gre. Beger Scheberg, Sweden's or delega chat, we kalled free 4 to Usafficial speed second was set by a



High, wide and practical

TRENTON, NEW JERSE

Chosa Assruft everyth designed specifically for was now in brown of control trees by fagaling in unbehavably much terrain. A special hydro-Of the Lage. New Avertica Products

The Aviation Week

June 15, 1953

Catholi Eroli for Conpose Fight. Lon Order SAD Ford Shile ton Coden man Front Com-ton France Under Fire CA. Air Prove Open in Assets.

Now Good In Contro Cheaned Want

Egripment

Alor on the Market Proce for Pffing CAD Golon

Washington Roundup

Slippage Penalties \$3,000 too person. Despite the high terminal cost of the herer pron pagema, it eventually not expected to effect mater economics in both time and labor on high-Norther the nevert redestry nor Pretrace been her Nichola die neuter manney net rentigen anne and ein char sire un on hose Delegas Services Charles E.

Served bedrag the fathermore believely industry resigned to the Thosp Corner Commend. In contrast,

Which he the Non paper certies insu to see lets the

New CAA Siberia?

Super Corrier Issue

proped their additional curves Pentaras confident see KS appeared only the first super owner and Navy is business; the other two from

Heavy Press Cuts

Airmail Room Boom in girmal volume and out to some arter was Most prevalent sedantly southon in that Wilson was next "begins on the table" for the reveal and arrestly

Gent stanut by me u a Postal Royense Act clean

Assistant Delegas Security Wilhed McNol. sheads which shalled \$5 billion from Air Point funds, is now being given much credit for guiding its course on Capitol

Plane Buying Nosediyes

New obligation, which got off to a dow start last fulls.

After home appeared in the Republicia Administraten's first server of suffers construction, the USAY public set, but sudestions are some parts of the programs

What About GFP?

-Webseton staff



HACWHYTE COMPANY

rest Francouth Ass. Kennsha, Win.

WHO'S WHERE

In the Front Office T H Nos. Supreser of General Controls Co. Clouble Crist. her been elected to

John W. Kong has been russed quility nother the Soles Assouth Co. See These had G: Claffs has been responted man

C. R. Yannese has been promoted to G S Help by hen speed that do uper of the Historphic Threats, Yakey Sewest O. Harris box beca never do

Honors and Elections

INDUSTRY OBSERVER

* Alban Division Coveral Maters Corn., is not state to go about with prop engine, orders of her some deficite sourcest of wealth redox for

the powerplant-presentally for subbay names and The converted TSS. was one of the sources forecas in the TX better connection, and some endentry ceites of the Person-designed Market engine, with which Cause was the competition, still are pushing the Mines poverplane Machon: Continental Motors Corp will beeld the Machon in the MCourt Assessment Laborators, Barliale, N. Y., is conducting a

perking to refer the advantages of both the targets and the sides tall ▶ An Art Force mockey of a peopered system for location and actuation. of helicroter medical controls is being studied by USAF and Navy county, with industry prescipation. The study socks a menter standsubstitute of controls than her been evideble herotolous, with greater

year of transition by silets from one contex to mother. and rate of charge of speed and spee Industries are that U.S. Nov. Pitraria names on Col Robert McCometic is in the market for a

bullegare Victors Viccount as an menutive plane. In a British said strongly, the Chicago Trebuse publishes looked at the smaller productive Model 610 owned by the Breek Messey of Supple and thousand raight do But the perfecter sirpher ton't on the model, so he would have to orthe in a orthodoxy. Filesting edge enobes of the wing of the de Hardland Cornet 3 has been allowed from earlier Cornets. The leading edge days down, to get Expects the two states or careful states

new experimental interceptor for entirel system of Cit's Schesertaly field test seater. The new system provides "closed lose" speculity with the rederenspotes upons being fed directly to the noticeled in cafer to movemen the place rate the current intercent position rate-PHISAP's Discounte of Flobs Safety Roscoth has made a sense of

VOL. 56, NO. 24 AVIATION WEEK HINE IS 1859 AF Cutback Heads for Fight in Congress

- · Vandenberg challenges
- 143 wine stretchout
- · Wilson asks breathing spell to re-evaluate needs. Ostgown Acr Face Charl of Staff distance of the new Administrator's









Aircraft Schodoles opention sales Military Projec-



Venderboor stated. "The size and composition of the proposed force was each as the building of our own storage military factors. There here been no

· lacrossed atomic futpower does not

followed up by "were ofter wave" of ▶ Fusional Ont-feeds from streamen remodica to the shorteness of the 143 wing gool-er at limit indicated

970,000 The will more that prior training will have to be held at 7,200 Boar consequences, signals a faccione hopticacts" in the 143 was propose,

and more three 5300 malbon scances Viedenberg received that These has once been a heavy polaction as feeds declocatest of places and weapons of He did not directly challenge the

53,1-billion enthold in procession a set boother or 1456 no have to make deleaded USAF's 525 5 billion conv that \$25.7 hillion proposests arrest conmade placed and programmed view additional manny could be

1954 has that "no addressed obline total unflorer for plants would be P.Willow Comments. These are points.

a Coder the Adelegation recomm The condition and effectiveness of toxel Guad and Reserve" (Vrades hear emphasized that the National

Acres to SS bulban for 1957 and 57 bil-. Resorting that he alsomed a review of USAP's receipt and development pro-

Talbott Confirms Plane Cutbacks INAV Sepretary Hould E. Talof "ovadoction deliver and other con-

Borne B.C Statust houses (Avantor Wess April 13, p. 13 sed June 5, p 13) Assertes B 17 was being coendored by Dodesigned one he handled by other production of the T-36A.

• Char C-1298, nonely transmit (Avacross West Mar. 33, p. 12 and from 5, p. 13) Tulbutt said that phofelol for Lockbool Moretta

· Parther personnel solutions, in 14

He said the USAF's even cotamators of

. No decrees one made to rule the

many \$5 hillion shock in DSAF burgle-

New and a right access for the Army to include Kustra reports. Witton

and Bet to point over the military

load that the Air Peers before were

turn for succelt and related process; next or \$7.5 billion and final 1954.

on powe penests, but overall it will Aircraft Spending transf. 'Once we get a good program Defense Seastary Wilson tests Wholes the Towers budget IRAT's Actually 1988F was able to penessad strength would go up to 1,061,000 by the end of the form were. round only 50.05 before in freel 50.7 hillion actually will be spent When trabing that underline wing peoprise have fluctuated by an much as 44%. He did not extend to

difference between what USAP

rise "to set does as worthwhile design ranges represent the emporation of

seach and development process, and

P Recignorad - Bicked the Wilson-Cheb of Stell, in a bedreat pay

*Wate and lacticiency in the Air

A similar shall be Nam's selection up can bedeet level, also has been redeed

sandy appropriated for assemble in previous

• The herr sind of the efficience of a The National Advance Comparition for 25% out below his own budget respects

strength can be selected with log del- that USAY was now downer up a re-Consulter healed by Sen. Styles Bodges o degree role USAF contraction' costs and performance. List week neigher Senate Armed Services See Francis Cost; Sea How Reed of the Military Appengent and Sabour. excitation cost year in Michigan, the home state of Carnest Maton Corn. supply and development assertes at that legs of questioning Varietybers, Web on and other witness before the the Wilco extr now absord in terroof a committee but who have a control ent), to the operior of both making

bin fact responsible for percepture a different personne during his service As far numerouser offensers, he offenser, he said.

Wilson Orders R&D Fund Slash

but Probuses sources facual at deficult edditional 25% cets both the second sedanty lenders and the perior that he believes there is a

good doal of "boundegring" in sero-Wikes we obedated to territy in natisfy proposed cuts It was resected the renews for orderor on eddstand

K.F Under Fire · Kaiser-France autual of

C-119 disappoints AF, · Costs included other production, Bridges says,

Cox Onal & Cook, USAY Deputy Con Cook and K-P bad been "threeoughly sweetgeted" at the time the contact was let in Donnaber 1990. In Willow Rus, Mich , Plugt, so which production because "It is one of the

► From "Intified". The Senate substitute water bended by Sen. Styles Bodges. Prace Goes Up-lis digging sets that As First auditor triffed that per-

gas Corp. desgoes of the sentest Cook problems that USAF commitencoded to meet "more malitie school

By May 1952 the east of one K-F + Matthe Bertfiel-Sidner C. Selemon, USAF midden and an at the

cies," the present stid, costs treps non-government production costs to



Kill over Bridge, and it had been diebounds the newspaper of lighter very recupied by headquarters officer

CEN COOK Despected with ET

told the solvonguittee The few hall Comet Flight

Foron's first Count IA under a 24des midtes croters, we the eater four of present arises schedules, and comment 2.554 seasond rellaw of 12-1 at fact. ECAF is to ►Northy Water-Expending to the With a moderal maters of horses

each as 1992 when the Koston was Higher was scales at Willow Res

Depte citizen of the KF waster

McCose and he was suddened and

UN Air Bases in Korea Open to Attack

(Editor's note: Consontre element end and notostasi escapelation for For East adds sentificant to Cores

tion. This is in stone continue to By William J. Coughtto Seed, Korra-U S no bases in Korra F Tan-Level Attitude-What is the exone them are power? One high officer at if could be not out of amon "within a

the MCk case down in free, they Mare As Ferce offices believe U 5 ► Veleceble to Attack-"I would like Withoutte. That mysticities "If the openy should attenet a brecorde effect assist UN on our artifichment, of the artificial cutun budget estimates that the way would note South Korea. Stratus is made wone by these (Gen Marshall and he sated upon

. Pomery Orleans project enemy oil has called the director extends a The menu introposit artillov pro

Keeps The education has recovered somewhat but still is expect. At the

P 'Calculated Wale'-Demond of on noft is not problers control by each Karea Truce

. Hith of corner which . Cost of disacrates in terms of foot

tack would not find Fifth Air Fours sade to its alternate field in a 'color' fields, each has an alternate field. The

fe has an altomate alone in longs, howsals from moving jet fields father tire McCs the super to stake deeper

their artifelds about a year and a half egs and toed to catalifely there her no PARCHE Attachalles ton to Force

offend believes such an attack could

Weyland Weighs Air Defense of Korea Tolive-Gen Gtto P. Westend. success to known the enemy six East Ast Force neard the Addresser.

on oractice and experience In section or pracriesco. Our six groups in store training measures groups subtract a comparable countried with early waveley and

Tubber sixtest, as consunction with a culter control notion, can P There has been a stooly inreserved in our AAA constitutes

the fields in the Astung complex-As-· Pietra, fiebness tubich could include of drokeen from bears to state Mon-. Primary terpet would be U. S. fighter hours, north numbers of PURS. Ast Frame. and Eithth Army headonaries a secmaker absentive Outlying rader rates direct

closes. MSGs, to conserve fael, respublic

at Solds opposition, YAK'SU has the . Third corner were would consist of and attempts make be reade to jum H-25 two jets, of which more than 100 delensive copubility. the heer available 222 other lists . First wave of the Red to write would centest of paper hundreds of MiG-15s bombus, mostly of the TILL now everpring stress U. S. Sejter bows at

Budy have refferent at Colour

evolishle to movede au cover almost world set off the round before the

have lead with the unfalkfied therest et * Hard-Proped Saless-Reds born the shifts to launch the attack. Around one fight as Four could not up only

attack marks knock our half of the

about Fifth many or autima in failure averalt in Knies neoglity comble of holding its own with the MiG. * Remarks Capability-Con Wes

strength without sucressing the wamber

hoves his folders provide responsible

➤ Red Cerrilla Lookauta-Procest can-

* Authorities Corn-With South on attempt to done Felth Ar Force

. It would propose the fact there a young

. Comments, No. U. S. do not walk









CRASH BARRIER FOR AF IETS For it such a Company or other. To less week from relias of the end bases at accommode 140 mg/s; is now "We have asked for more AAA then, his settled cred breden, ble the one no... these success the man landow more Au we've status but this has never been tand show, it two boss in Know This dis. the belleva, the cold is stretched and sed





In Douelas cabin supercharger transmissions . . .

Monsanto SKYDROL outlasts mineral oil 16 to 1

amening for 4,000 been in Decidar turns, the service life of Skydrol is Versettive Skydrot can be used as culty operated units in the electric has subin acceptageor tecns

erlemen, severall hydroule; motors,

Skydnal's labeleity is more than Skydrel in seccorreles to skyards

Skydnel is modily adaptable to all changes to the bydroully system. Skydrel is stable at required operat-



SERVICE MANUAL PRINT MANUAL

Engineer Cites Need For Better Airports

possible servings not needed for Fuhl structouts, Bader and Need for Lero-

Italians Deliver Thunderiet Parts placement mats for Broudle FAIC

Caribbean American From Revocation



Amphilies are demonstrated firstly also these beening and belowing MARKET MEACON







fitted with new Assessments source timed. Across list aneres in the O.179. The

ANAZION WER, Inc. 15, 1953





New Alert Hangar for USAF Letted of the greeing group of "ident" and two leads by other contraction (cotor) and a consentraced in the



AMEA It about made to discus-PORTINGUITH, EHODE SILANS TR. PORTSHOUTH 479



to 400 cycle AC has creeted a brand need for To serve both remand and authorse opolihas of high-quality equipments . . without







Whretien

a Temperature

For Information on equipments or app Souther problems, wells Dept. 6-1116 Federal Telephone and Radio Corporation

POTTER & BRIIMFIELD LEADS IN RELAY DEVELOPMENT & PRODUCTION

Extra Ruzzed, Compact 433 Corte &C Petry Officed in New AF Series

Design Engineer Gets More Help to Meet Tough Relay Requirements

Mill Series Ofters Maximum

MI Series Feature Laurer. More Davids Contact Inner Lower Spring Load Rate, BC or AC

Conversion Efficiency: Many Contact Combinations DC or AC

Ultra-Sensitive SS Series Eastern Real Colle-

Hermetic Sealing or Dust Covering Available for All Individual



Relays or Maltinie Groups: Keen Out Dust. Fames. Maisture. Etc.



• With the Marrier Carriery Francisco Load Blobooks Feb Controls

POTTER & RRIMFIELD - Princeton, Indiana - Event 13 F 40th St. N.Y. N.Y.

ANADON WITE Day 15, 1965

WHAT'S NEW

New Publications A Short-Term Tuipier Porcess in meets, U.S. Government Parting Offer Workerton 23 D.C. Price 22

Already is a heady lettle packet nor qualificant publishes need to sal

Products Literature test Service Write E. Goron, Delicht

> Copolete reliab Ray and data on segle and double pole swather meet-16 page cetains new jobs from Coding

> Radio Corp of America is described in The Why and How of Horomoc Stale

and stopping), counds mastershot





Complete beloncestone Water Wire or Plante

ASSCRAFT HARDWARE DIVISION



THE AIRLANES

Heo-Flasher

HATARD LIGHT

BY PRODUCTS INC. De

ACCUPATE MINIATURE SOLEHOIDS FOR THE ARCRAFT HOUSTRY

The part was released about \$4.75 pages 10

Corpora represents transmiss and single

probed an arismost a speciable in your Stripe Index lits you not all the east, who washes PSP sociales DESCRIPTIONS CONFASY

Meso half bearing in 137 models, in beet must from 025 to 6 in and out-

Hampshore Bull Bearings, Inc., Pater-berson's 7 N. H. Use beterhead.

Telon spiral rings, used in backing

Tevaryaphus allibate chambers. Scupendary laws - 1609 to 2009 and

Student presents suggests, and-

Publications Berrived 2 Pright Engineering Passaul, by Crains A. Zwing, published by Par Aeresican November Street, North Helbraned, Cald.

R.S. only by Nincker & Son, Ltd., Lan-

ake bein known

Ask the men with the most experience...

...Ted Pavell

"After 19 years of fixing, I guess I know the suppor-

performance and money-averag massionesser States, Canada, Mexico and the West Indica. Co-





For businestally opposed and Hanger averbooks to much as 100%.



New-Microsic Filtrates mekes it "refinant stone"

Gulf Oli Corposition . Gulf Refining Company

AERONAUTICAL ENGINEERING

How Good Is the Custer Channel Wing?

· Inventor says design improves performance. · But NACA test results

do not tibe with claims. By David A. Andrews donn? What can you set from the chang in his company's brochere. You "horouse" demonstration (Dec. 17.

Thorong: consentation (asset), p. 17) Or you can get a cope of Nefeaul Advancy Committee for Assessable: Research Measurators P. Braviolius, The Contr. Churael West look like no other month in the brook reads is the approxim of state lift because the are a pailed over vice not adopted historical for sp

. Sabananily merces periods, fight

on an experimental sightest supplied. Inthe required would further colors the by Coalco by such in the fell-cole tops respectede and the recleanson of that which gave the demonstration at the and of Donomber 1951 with then oncreation. First the management facility, the nepher, or order to horse, would bloody no members devices whosever



EXPERIMENTAL classed wing plans is today in NACA's behavior toward at Employ The resultent facts, productedly, was war after and to study some stables. trial come a mentione or the house or the derive are bourne condition.

uply during formed flight, and not ware specifically to the bounders lever

fluids can't penetrate this barrier





Provides

- - # 18th account cooling without analysis community
 - # (acapareably self-contained ensembly
 - A Resting out with stetlemeny seed, wantlested by successive help

Reduces Installation Time. Weight and Maintenance Recourse seal is self-contained, no straling compounds are used reselfing in reduced weight.

Necessity for maintenance is almost elemented Self Socking and confurms to equirable projectors of AH-N S. Application in 10.32 MFB and U.SE-NFB from date Please (22) in Self needeland seed conform to applicable requirements for ex-





ANIATION MEEK June 15, 1953







for Brew Leaking Amber Not Uses and

1 Dell our (T) belo-



my used, the boundary lever is care in meticallely provided for control of

the charged. At the tow of the nomeller gonel, but it required full patter to resdequete and fight would not be coefficient in state condition NACA PCRis Performance-Visal's what NACA has to an about the deseps globe

The NACA uport makes the first *Sales Clause-Th. compan's his-

chart chare ' complete control as distant, and the auplem advestoy not found in any plane. The . This all node up to almost complete AVIATION WHIE June 15, 7500 If this man were free to speak...

> Much of his thinking is choseled as Security of our world ... But this much he can tell

Alternate this drawn of a most world to work out. At The Gleve L. Martin Common, for improce. are being designed not as today's flying vehicles but as

Biblied that work is a powerful new seem of Meetin organizers working together under no estingly new concept of exicates leagues as Martin Sections Francescope Today, that story is under sacrety wraps, but the were one tell you that --



ROBINSON

Vibration and Shock Control Mounts SET NEW RECORDS of DURABILITY



depend. They do not more

Lang Service Record AMERICAN ARRINGS on his need Reliment Mounts and

Proven in Experience

to orday's problems of principos For more facts and information write for the new Vangalitus deficient of the plane made by Castra

THRUST & DRAG

Adda serond Volcon hombe rose ancle " in Machetin the

"Well they fired the storne on non," wid the engineer, "and it put



VADNOCK





UNITED CATE

ANALYSIS WITH Day 15 1953

A Salute TO THE LOW-FLYING MEN!



All half he the use in the "wild blue weader" but he's one with some measured change for the hole who also it out at hill-too level. From the time and testinal store manner which have a deated blastice oil prime the way. with the constant Account of Impany barne borassed by every current ... Been one the sheet woman for whom some planted Republic's rapped THUNDER-croft ... to get them there ... do the job, and bring them book



Makes of the Market Tandard Tandard Tandardian 15 4

Award for the Induced Day Co-Thu all has a familiar ring Review ture for our of the wildster hadron, and

What does 10% eater weight more to a set firster? According to a posed of

Service college reflected by 1676.

. Kate of churk reduced by 16%.

a Landon distance encurred by 2015.

Consideratal's already experience dates from World Wer II. Equip-Individuals indo inhead, curbond fligs



Continental is ready to work with more aircraft manufacturers

Call on Continental for a good tob fast on large and would aircraft ing stall and over \$,000 technicism and skilled mechanics, working in a coverder, will contained already plant with 225,000 square feet

most in our Coffewille, Kees, plant is the news and most efficient -50% of it is only one year old. We're ready to work with you NOW.

CURRINTLY MANUFACTURING SUCH COMPONENTS AS: erad ar

meen SAE carrier The accessor ANALYSIS WITH June 15, 1955



AEDC OVER-ALL PLAN these beaters of maps deplace long built at new AF assents coater. Lower left organized to facility lower right, propulses windrawed, super creater gas discussed facility.

Details of Tullahoma Test Center

The Arnold Engineering Develop an loc will operate the facilities . Engles to t facety will contact there and small persists under sinulated Fight conditions and altitudes up to short An additional facility will processes



An additional faculty will accommodize the fact of the Engages will be shatfled to the test will include an refrigeration and draine. Tennentron of his as -120F and #Providen windowed and include be received. Soon errors confidence two furtherns research toned and a consent. Property and productions

AWATION WEEK June 15, 7150



PROPULSION WINDTUNNEL and in place in Transport court



Tot data for all of the ARDC facility

ENGINE TEST FACILITY of content of the one shows to detail



FLEXIBLE NOZZLE remonopous of 12m square high black travel in gas partition or restable from ASTM hand holds. This based started spendies in Februar quarter, 1916 Eact Street, Perhadriales.

test goodely also wall be not enumerished.

. Got frequency facility will home a Purpe no mover will be a pleat hour scoup will food a various sphere and

New Value Set for Viscosity of Water

the viscosity of water-2,0035 cents-

ANALYSIS WILK June 15, 1953



For quick, rafe perkeping . . .

Term No doubt there is no

Exclusive Report Analysis Shows MiG Limitations

A corp function of the MG-15 is speech distributed stating at contain a speech, sharply anothering the effective function of the effective function of the effective function of the spherical care laph-aftende contain, and assisting to the sharely look of pure location of the spherical care to the effective function of the spherical containing the same function of the effective function of Demanda engly is effective function of Demanda engly in

alument who maded the fugines fled higher flows in Dissuard, only in the property of the property of the French probability and East con-French probability and East control of the Property of the Wince, April 13, 3-17, because of the tree relay whole is, the MCFR stadding or the probability of the subsection of a 15 per flows 50500 to the standard of promotion of the other standard of promotion of probability of the standard control of the probability of the property of the standard property of the standard probability of the probability of probability

lading gaze indicates, there is a dealout epistus—gaze thereigh the cape to ever serface of the verie as a visual to the cape to the cape to the cape A sample gave top of genuide—gosanials call that cape time, do not a nownear near a side of the MGS was to be a serial to the cape to the not not the night. So there we can be a serial to the cape to

Airport infrate conducts both to

highter camers and 40 for the heavy Bodt hyps of causon had a musule velocity of bodt 3,150 fps; Base of for for the gauling grow as 650 reads of such spacing grow as 650 reads. There was no hearing exposerior for the causon. They were stimp in a craft that evold by earth up and down for quick boding. A hybridelly solven speaks they do believe the states of the cause of a such as the states opening they do believe and hearing grow. There is an analogous dor managener of seriG Limitations





STING OF WAYS F46 Solve gas one shows Bed yeer systing benuts institute, no whole our autounhold;

Porter Controls—The early longer and product in the alternation regarded by the controls and the attention, regerded by contribute the Administration of the alternation of the controls and attention from the control with a control with

on models byte, potentied with a obest covering note thinks, given it very glossy fault.

Minimum Mark number of the MGG 35 in 982. Sealong began at MGH number of the MGG 35 in 982. Sealong began at the complex conditions of the MGG 35 in 982 in the MGG 35 in 982. Sealong the part of the market of the complex understand delign that it has been expected to be "Part X to control of the MGG 35 in 982. Sealong the MGG 35 in 982 i

ring, accession years has some groun garacter?

• Second, if this some deplicate system — obscolely for the leading gore hydron system in one creating.

• Third, it must hydrauth, obsessed in pagements power for operation of 1 wastern system instituted of courseland on one type.

• Fourth, trafferentiation is compl.

Table Levels Itself As Metal Is Removed

A new persons seriod still and an incorregation test best the trible anti-metallist for class interest and manuscriptions for class incorregation test between the contract of the contract contr



of included to marking the desired including the format including the first of the marking nation of the nation of the marking nation of the nation of the nation of the nation of the nation nation of the nation of t

PERMACEL

reset stated

PAPER TAPES

THE WAS Addingted for energiesy open, Their was a handgamp, for energiesy open, PANT

THE TAPES

APPROVAL AND AND THE RE-

Attroprosed a Single and

and nature land at \$5 = drs, 100 ungs behavior at 20 v drs 600s, 12 stone, 24 v drs betweenten:

Orspect - 3 v + 0, -2.5 window 1.255 by approximate Alter arealests with broaded

such there, setselly spee,



Worner's Complete Facilities Include PRODUCTION

DESIGNING · ENGINEERING Since 1935. Werner has specialized in the development and more

forture of precision hydroulic equipment, designed to most the exacting requirements of the nirroath industry Production of used of hydraelic controls requiring close taleraness

for low leakage at high pressures has resulted in the development of special topping and manufacturing techniques.

Warner engineers will welcome an appartunity to assist you in the development of hydroxic equipment to meet your requirements.

APPIER STANDS OF SERENT MARKETER COMMUNICAL MY DIS. START GROSSECK HIGHWAY - P. O. BOX SHIS - SCHOOL S. MICHOAM DESIGNIES AND MANUFACTURIES OF TUNES . VALVES . ACTUATORS

LETTERS Guided Boomeranes

and didn't water it



to correte sufficiel sels of heline a pool-

records before the front, and its ton o

expen in Boxes

I hook my environment dispositely its file Nevy ared at along with AF's for possible clear-



Supplied in Assemblies

Supplied for

Field Assembly

croft? You con refere the pressure by colline in Res-C-Tabe. Our engineers ore specialists in the opplication of facible hose products and are backed industry . . . twenty-five years of it. Tight sireoft productor schedules to

mest? You can count on delivery adfairs high quolity that Nex-O-Tube Is famous for is mighty important when expre posephly posebs Tabe products, one the very revisions

Flex O Take. You'll beself, too, when you get the pressure on Flow-Q-Tebe. From said on pear ton Cornel and up to

DIVISION OF MESIDAN COST EQUATERNIN . DETECT IA HICHIGAN

A ligh-mixing New officer and this would make it difficult for new supposer to "Inglag soft evotoment."
Their wir sit stealists that there "mir

The Novy slopped the matter that de-

recover stated. The New called in measurabless of all

to Now Got William P. Nockals, Fac. East Are Parce spokernin at the time, for his community to the New golded receive

"The Nov's godel session Why, we

SCINFLEX ASSURES LOW MAINTENANCE BECAUSE

When operating conditions demand as elemeagged requirements, always shoose Bonder industry. The delectric excepts remains well of the same. It's also the crosses why they are



ELECTRICAL CONNECTORS





PRODUCTION

Why Designers Are Using More Plastics

- Engineer reports casy maintenance, low costs.
- · Resistance to corresion and fatigue also is cited.
- cently when a screep of about 700

About these playing my being used

Why Plantage-In the short life of

that redomes have been desired for as high as 15 ps. surface pressors, to

Robon estimates that Touch has street 75,000 princes for military found to much satisfy as Dissolv's XFZY I See Durt and B-M Lookhovs's Supplies and XFOI Denoe: Borner's





Zenith mercans 17 ft. long, shoul 6 Plette vs. Metals-Laborators test data offered by Bushim compare specific physical properties of sheet ultimate treate store devied by the scrafts are shown to the accompressing Above 100F, the most moreoner

produced in minimum plantics a



Darnell CASTERS

Cheese just the right cester or wheel for your seeds from the Dersell les of searly 4000 types. These precision made help you speed up groduction . . . wil pay for

themselves many times **** SAVE EQUIPMENT SAVE PLOOPS SAVE MONEY

and TIME BARRISTA CORP 399



SPECIFIC COMPRESSING TIELD STRENGTH VS. TEMPORATION

In shorts of equal weight, glen fiber

with metal alloy short on a different

nest techniques in we today. Mrice tions and regeneracity, provided the

of minforced plactics, but other so s studies were made on lugally lended to well as a metal professing medium. y stress possible of the confirmed Mer Z. p. 1941, the 185 muce

that the get of moderner these blades The application of CTL-81-LD in Caucional developed temperature ce output abreally serial to this envise Another prime example of electro-

He also severals that the februation

► Blade Applications—From a printle restry Assurance Were learned that olastic blades employees Consequently

would be fighter, wheel construction * Other Engines-Expressional plants prototype blades are also becar beeft for three or four stones in the com-

curing lead for the earner, her own-

For coeffice bolt-flood set, test * Turboycope Too-The tubersus ra-



Only Microscopic pipes you will show features M-DEPORTY LEAD Screen of professional secure socialised is the best order ARTHURSDAY UNIFORM 855 - Choles of Holden





If you're thanking along the highter side about the whole subject of congressors and also seem new mercenesse house, said to a fatered in the

"There's young worth" on a Wellman lightweight



you. Write for our new outslog No. 5%.

MAGNETERN AND ALUMINUM CASTINGS Well-Made wood AND METAL PATTHERS

Doet 5, 12200 Shaker Beuleverd Cleveland 20, Ohio

Had seastency has because head-

Zerath parts moledné wnegto r

New Planes to Dutch

time potrol bomben to implies the



Alexandr Name Officershood Will Work in Conferentian with Their Glout Extraviors Persons to Streighton. Enlieve the Strains in Leren Extraded Parts

pull back isto slape, large sleens? sections -arranghenous and relating strains that energed by this machine are so great that Its tieres million transit bull is round to that

Alcoa Aluminum ALUMINUM COMPANY OF AMERICA securion and shore new boing built-this new overcher well make manufale larger, we Wast to know more about these Alcon in id-

Agreedt and Party Magnifecturers



Every B-36 lands on U·S·S Carilloy Steel

guest are made from U S S CARLLOY electric farmers seventh maddly involt. This hash maddle story steel

When 129 tons of B-26 through down on a loading one-PS of the original input left to do the tremendous street, temperature on Chromady, this steel count be of the very best properties.

paniely 93% of the steel has been removed - with a









Behind the PLEXIGLAS ...

School over investment endouse of Patistics-excepts

DEMOS 101 HERRING

ROHM & HAAS COMPANY

on Destrolation Count Olice di LEE, 130 Quart's Deep et Jones mate, Dalerto, Concelle

Fast Writeoffs

a Frank, Sepal & Co., See , Drespiel. Corn. Andropier park, 2275-005 5175. F.E. Q. Seripmont Corp., Creme, K. T.

red certs to bit 1975 * Cooper Transpare Produces, Los tagidos, siyutal Paris 123 114 1975 * Assentate Furth, Visites, Call siyican maris 125755-597 a Para Assertation Ward Assertation Co., the others in Section 15th Co. 15t V V alread gard, Ellier, firs.

Peris, Dillies, 1975.

* Cheer E. Hoote Co. North Print, But aberrali garle (1251), 16 5.

* Hedrenia Pizinga Com. Merrerita.
Mhch. shirari garti, 600 801 805. a fewers very to, one, Wighten street,

COCC. Abuved parts 181.000, 675.

* Executes Majories Curp., Onfficial, Tex., strength and parts. \$152,500, 11.5.

* Desgin Arigina Curp., Durson, alcorals. Makel Comes Com, Gunday, Coll.,





NEW!

configuration of the configura 1 A O Period Corp., Los Augelos, advocate * Hardroom Aviaches branch Co., Lee An-* Sauthworth Worker Co. Fortisal, Mr. * Etc. Harking Co. Inc. Farmingdale Free minylate EDN-252 [1916]

* Onedyson Affrick's Corp. Album sheekings

& Hillings abstracts parts \$180,127, 41-5.

* M. S. A. Yest & Bin the, (helyoff Shoral).

Back S. A. Yest & Bin the, (helyoff Shoral). * Colombia Name & Etc. Co., Name and

* Foots Resiliery Cont & Machine Corp., Chicago others; seen, Do con for a * Figures Corp., Marward 22 moraris reprinted for a 41%. USAF Contracts

The Links prompted the James 1988 at the control of Dry Working & Supply R. M., 197-0 by Williams D. Drysbardden, Way, Supp. 4 and 1931)

Religion Planess Etc., Dendin Arkelina
rev. Valerbaro influence 1877 on 127

1 2075 on, 4107461 Accessorate

15 on, 4375 on, 4107511 passerger The real residences of the last contract For May Ca., 110 S. Houstway, Nav. Franchiston, Olds. Srs. artiston, artis-for make 148 ss., sugmersing fasts, 1 ap. Estimate Instrument Corp., 17-51 4241 Ave., Dinburst, N Y Indicates, 312 ac.,

AVIONICS

Plane, Missile Reliability Needs Differ purhers and nimber corresponds, to the cheant with conticound com-

Many case in the inferitors of vacuum.

Head mounting, i.e. we shock or to-

mounted equipment are more hangelone

steded to determine whether correla

Vibration problems are entirely different, meeting hours; new temperature rating system is suggested.

By Philip Klass Pandous, Cald - Techniques and to

Another symposium applier sored posents in temperature and solich to P Little Constation—Fact reported that P Thirty Papers. Included in the 30 Topostay toubles, they cause and

· Now pay disdentists for high-tempera-. Protective coefficient for stabled wire musik are were used to bed up the tion is always poor, ngisky and makes the length of phone. In Belter, Relate Noodad-Free plant can

Trai tited an engoment terrel at Most siril chass, desired in Phese.

OCCOPRISED WHILE MAKEN MAKEN AND ASSESSMENT THE REAL PROPERTY AND ASSESSMENT THE REAL PROPERTY AND ASSESSMENT THE REAL PROPERTY ASSE

What They Said About Reliability

throad making control . . . Ohio is product outs it in execute in yellout. The James W. NeStan, president of the franchis of Italia Engineer, who prosident of Sell Tele-

. Then . . . to a ver about For comple, IPL tests ender highspines takes were for smarrow to paler matched of Martine Shotos chorchattering applicate affective occupant

Cold. Cold. Cold. Pt Mont. Cold.

Ambient temperature type refiger Commission follow or determination too, but they are not adopted for mini-. Shorter lead lengths of courton, on . doc to heat occurs because internal atoms and subminusters electronic





THE LINK TRAILERIZED ELECTRONIC JET TRAINER

Air National Court units throughout the country now here. fivor syrine-made results by the pay Link C-118

Link Electronic let Troiners spreuts with dependable







► Brupe for Good Tambiton-The

"Sudden doub." found to mint you.

. "Skey death," found both in point

IS MORE THAN SKIN DEEP ...

Marters account design demands not outry the ultimate in

Whether your design problems are concerned with turbaget engine our engineering ability, experience and manufacturing facilities to

MANNING, MAXWELL & MOORE, INC.



AURCHART BEODUCTS OFFICEN . STRATSORD COMM. THE RESIDENCE AND ADDRESS OF THE PROPERTY OF T







seeing would adver but not cars all ➤ Dielectric Amolden for Server-Dr scotter delectric, should led appohouseney delectric amplifer with a difference to medicularity and elec-

Non Distantant Landstood a new

Fact care as safter benefits als cross senso has better resistance to fivelences offered optiones learned

mikes at possible to misore con-







AMERIAN SPERMICH CONTROLS - AMERICAN ANDREAS - MINES - SPECIALISM SYSTEMS CONTROLS - THE PROTECTION - MINESPERMINE PROGRAMMES - PROPERTY - PROP



AFROPRODUCTS ACTUATORS CONTROL"FLYABLE TAIL"

Self-locking features aid



Peroproducts

ALLDON DYNOIGH - GENERAL MOTORS CHAPMANTON

setsion have a 2,000 harr life expec-



sudant to a roper proposed by G. B.

Unskilled Con Use Electronic Checker

spracet a pecset stended volume and The dosor is pooble of checking



Two-Axis Gyroscope Floats in Liquid countried in guided exende spolicitions. The rype was developed by

AVERTON MORE Ann. 15, 1953

Countries at 100C, there wiresen CYLINDERS



STREAMLINED DESIGN A SUBSE STRENGTN SYTEA HIGH SASSTY FACTOR.

a SOUD STEEL HEADS. - NEAVY WALL PERCL HON NONED NATO SEAMLESS STEEL BODY. A LEAKPROOF CYLINDER

HEAD TO BODY CON-STEUCTION a RELATIVE PORT POSI-TIONS MAY BE RO-TATED WITHOUT DISASSEMBLY OF

CALINDER WHO FOCKED A NEAVY DUTY, NL TEN-SHE NAPO CHEOME

months there! In addition, a new high

high safety factor. Cylinder walls are recrision boned and hard change planed for harrisfe meded and and order . . . both cust-Write for ballerio 0152. The Tomking-

Manu More Advanced Features EXPERIENCE

which can be remotely canonical to FIEE Components Come Formet. A with either &c. or a c. pick-oft. Emdoes doll: rate in graced at appear unit Co. is chappen of the new room stately & deg. per enemer with die. A. W. Ragues of the Seguri Coops Enmo Laffe, sliebely less dreft with me, rescerne Labs is one character.

DUTED CENTER 00000 Asserted Core Co. 1979 Colombs. P New Citibles Rado Technol. GASSIN.



IFT AIRCRAFT for creater technical skills, mechanical precision

of companies and ecomblish for

TWIGG INDUSTRIES INC. . International Page

Man Treasing and dispringations

FUSAF to Social UR-Air Force of Pure of the ARDC told the IRE resamual of writing for AMC study and ► CVA to Telesseter Flight Data-

sheller of evenue removement total ma-

. UHF tox englement for incorpora-

emedence, veltage, power, VSWX, · Electronic facilities and activates of

AVAIDON WORK Ann 15, 1983



ENDURO helps give big bombers a lift

There two pads hanging from the wing of this Each pad between pape small of the public Detection Street has Street And Americans of the recommendation shity under some of the soughest conditions. in the series is indesery ... efficiently ... economi

lostly. It can provide increased represent strength glad to help you spely them to your paracular problems. Call year neuron Republic Distress: REPUBLIC STEEL CORPORATION After Steel Director's Marrillon, Otto. SAME AND ADDRESS - CLEVILAND 1, ONIO Papin Department Chrysler Building, New York 12, N.Y.





Other Republic Products Include Carbon and Alber Study.- Flow, Shoots, Stein, Phone, Burn, Phys. Phys. Relin. and Mart. Tubba.

EQUIPMENT





Jet Fuel Controls Tested Cheaper turns, 41 range feel control parkers

canno tost centers building now, The Novy has been using the newscontrar which it will mut filling comgass Two years of interests meanth + Many Serings-Verleys cars flows * Meany sayer. The \$5,000 on hour et caree manafacture excelor en which is placed over an exclusione in . Thus give: Many mercho of de

exhauses a made on first restrant for enthe first flow rich Thus completes the complicate a newly designed field wa-Onemban of the last control which whenever to test one true of quarter late

Among them are pit eagust morellar men task, turbout engines with after-







From the moment an arriver's propellers bee the air -to the time hours later when their thundering engines are cut, To maintain their requirities for dependability, the ten autimes in the nation specify the very best in Ameralt Orls. Today, more than 45% of the sitused by major schedaled serlines in the U.S. is supplied by Singler. There is no better serial of describibility.

SINCLAID AIRCRAFT OILS

500 Fifth Awrone, New York 20, N.Y.

the pilot's unseen helping hand-



Aughenity of present high speed military siverals has antistanced the pilet's manual ability to control all march of his fight. At spends over 1000 feet per second, a hd control, cobes presuggestion and fuel-filter delicent AEROTEC Flast Switches, Valvus and Pressure Suitches of frame-comic speeds-truly a priot's present helping hand?

AEROTEC Associate Controls have possed expansive qualification tests mendating estimal flight conditions as accordance with Spec MIL-E-5272. They are installed on such high speed strendt so the Booms B47B and B50. Gramman FSF-6, Nerthrep FSSD and Lockheed FSsC ARROTEC'S reputation as progressive designers and

When you think of Automatic Aircraft Controls, you should sutamentally think of AEROTEC

THE THERMIX CORPORATION

Crossfers Afflicant T. C. CROWN, USA. Montreal M. Boulou v. Norocke S. Balance THE AEROTEC CORPORATIONS Designers of Manufacturery of Appendix: Congress—Values Supplicing Relation Lines Super-Property Sanster Gago, Africain, Tolkstrated and Abelian Typer—First Sanster Try, bestime or othe security Sugar, Dag or Trades

Is addition. Victors points to these a High housespeer outred for meight and use. + Stubbs arranged to control sirenia.

Vickest tood a racisty of dorses for subtery ram, in five to an accorda.

tool under closely revoluted calibration * Better Tool-Vichne has the to up

SHAPPING WARK Same 25 1993



of Ednon, country E.M. matchess. Edison Develops

New Fire Detector

The thousand offers a near suffers, were seen of micro-excre-expens. Ret at a n ouverth being today on sment



HOW TYPE & Soc Amendor works

_____ SOURCE S PROPERTY. Case were -----

... or to raise a garage door

which assesses recey metros to linear mones with up to

Called the Type 3 or cable type for # Host middled Cardyl schotten of ships However Edwar engineers creature at a still in the enceptor Party-over 2,000F, says Edward Regget The sold moved count ► Detector Engineers—In oddition to the other or highly resident to exhaution Text I'v simplets, a result of the studies and other environment of

AIRCRAFT

-TUBING

sewered CAA's Technical Director, elementron of electronic tubes, the

might be selected to in an award as-. Stable. The remonstrator selected for the cable is habbe stable both near of sentings, subdity and now



Caustal Addines when to come its cedies of 12 Causes-seven 749 models and service testing the Scartiffs spations on Assurance Wante. The carrier had no complaints against the Southlike Care so into the Otto. Five additional Specia

Pan Assesses Week Neveri Toolio

The third of a fact of those Headler stopped at Scene, Alberta, Necona

New metals come and go in the already industry but steel still quietly place call Service Steel. We maintain large stocks of account tubing in a vote veriety Write or shope for latest stock list

Immediately Available From Stock

SERVICE STEEL THE FROM ANY AND IN Markon Are 1988 Contact In

Chines and the Company of the Assessment Courts of Court

Mar Arthur Aircont, L. L. N. Y. Am been provided Cred Agreements Linewa

THE HISTORY

has been written by

From the beginning, South Wirel has challenging besting problems for military, comman-Write today for information, South World Devices.

HERT GAS SERVEATORS



Notice of the second comments of the second second

South Wine Minor 900, 202 000 970, No. 1042 the Mark Mark III Commission

1944 Janes West March 500, 51 200 570 Jan. 1944 Seen West March 572, 175,000 870-74. 1944 South Work Model ST. 25 200 BT E. Nr.

1945 and Not been 50 100 block on 1945 Just Not Shot 57: 200 DECETED. 1945 Som November 1971 (AMILETTIAL

1045 Story Marketon Christ and Processing 1045 Sant Barrier Street Street 1946 South Ward Street SLE, 400 000 873, for

1948 Seed Was Mark 120, LTLESS PTUAL Study Word Mutal Std. 225,000 FTA.7w. 1949 July Nacional Etts, Tillatti ETC. V.

> 1950 South Nine Minors 105, 106, 108, 1951 South Wall Street Street

1952 South Ward Street SEE 1952-1953 served

Start Mind products have been used as always or emileness Bank Aircraft Corporation Periodical Degles &

Counting of Value



Design, development commeen . . INTERESTED IN A DOSITION THAT GIVES YOU REAL

SATISFACTION? Conversion Kits for 28-Seat DC-3s with in new foresteast subset in converges or DC is here been ever come by several reduces through use of enable units. Sauc of which one dark the

Asmosphere: A company that under

· Senntuckacions / Vocum triber

For death on teally steadynet piles,

Honeywell Frit in Charal The new control uses no firsts, bel-

suffix of 13 is one be reserved No Moving Parts in

Liquid Level Control

The sieuce uses cold authode takes, cacousty. No unexamp type or steadle. the first says:

within the took to be less than two An electronic device for accusate control of legal level so tasks has been developed by Biology Electronics with electrodes comes convert to first Holely Electroses Co., 57 William High-Pressure Switch

AVIATION WIRE, Asse 15, 1555



Assertation to every more and type of intends, blodby A Scandon Tobing combines to the lighest degree the forms of strength, safety, and workability. Although



U·S·S SHELBY SEAMLESS Aircraft Tubing

All business is specialized ... and nothing precializa on wour business Whe your business namer

You can sell suntan lotice on Broadway or Beacon lot more . . because he germalans, Year begoos is specialised, soo. That's why it pays to knop up with your business paper. It speculities on bances groblem you meet every day. It helps you do have a clear perspective on what's bappening, and you Every page counts. The offices gather facts, weigh and propert them. The advertises line up now products,

materials and coupment . . . tell you what they do and

The business paper in your hand have a shar for you, because it is

A copy of this pairly-morting. Suppose booklet is yours for the asking. It contains many facts on the benefits derived from your business paper and tios on how to read more profitably. Write for the "WHY and HOW hooklet " Room 2710

One of a portion of advertisements command by THE ASSOCIATED DISCRESS PUBLICATIONS

at 27 v. dic 10 to 50,000 to absorbe



Solenoid Relays A seem of extend-outsided Micropositible to very pole throw orange

Thermal Products Cop., 100 N Marc 91, Lis Supeles, Gald



Protective Sprayer



There's considing of Fr.Cell.O is provingly every elega made in the U.S.A. ledey. Balanted balow ore terrinal blades, service budgedly extending ouredhes and fuel control assemblies, predition built by

Ex-Cell-O Corporation to oligraft builders' rigid specifications.

SOR MAJORI TROS - CUTTOS NAME - BARROAR POR ARE SPRINGE THE IN PERSON - AROUT AN ADDITIONS PRINCIPLY FAIR - DAY BURNEY

AVIATION EQUIPMENT

Three engines can

Seven up to \$140 per engine



he selety wired with ROBINSON WIRE TWISTERS in lass time then it tokes to do one by my other method

SECENY DELIVERY from Notice's STANDARD BRANDS Attractive Quantity Discounts WRITE for ERSE DATALOGS

\$11.50 each \$16.50 es. se docum. 709. Samurento, Colf. RAIPH C. ROHINSON CO. NAME AND ADDRESS OF THE PARTY AND ADDRESS OF T

pontage country from 205 to 259F) Trus Metal and Min. Co. 6114

Frent Peri Bd., Duler, Tex



Aligning Barrel Nut A sift-denser board not, described to reduce ascent assembly costs in The not in said to be 40% lighter in world than proving types It is as-

with rold second trustee action to Whitney, GE, TWA and hundreds not a symbolic to thread uses from



AIRCRAFT FANS



Arrive on the lost of accumences that a more easineers called far a cordent-cooling maters of

warm ale for exaces defreques. On the ER-65 The verseffice of this gramm is brooky dependent upon that of the ley AXIVANE Fig. The few used on the B-45A, B-45C, and RB-45C provide 250

cockers beging cooling radio and electronic haion, and high-almade pressuriers boosting @ Jey Manufacturing Company, Oliver Swiding, Filtsburgh 22,



AMATION WEEK, June 15, 1753



tape

iob! **Endorsel Hystics**

speeds your

Two textiling median private too

Marie Politics berkeley . Health Property Design . Marie Street Loans

Sali-Six Wavepreed Cloth Super-14 colons . New Myoth Thirles Marking Style

Greened Code Separa - Myells Profession-Mesis - Myells Spro-Mesis - Myells Send-Sine

ALSO ON THE MARKET



Where Flowmeters Are Concerned



Estimate Property graviments faul floweress

nogle- or make-engage aircraft .

Sepret John Sends bearations Office

FACTS FOR FILING

U.S. Civil Transport Aircraft

| | | 51 | 388 | 122 | LEAR | 3.5 | pa: | | | | | | 2015 | 0110 | Men- | 100.70 |
|------|------|-----|-----|-------|-------|-----|-----|-----|--|--------|------------------------|------|------|------|------|--------|
| | 22 | | | *** | 535 | | 85 | - | | | Drur | 112 | | | | 2021 |
| | - | - | | | | ٠ | | ** | 1 | 28 | NAME OF TAXABLE PARTY. | *** | 265 | | H | 170 |
| 6.0 | -0.0 | | | | Open. | | | | | | 100,707 | ** | 24 | - | 77 | 222 |
| 181 | - | | | 45.65 | 427 | | | 411 | 125 | SALES! | 1907 | | ** | - | 智 | |
| 00.0 | | | | | | | | | | | | | | | | |
| *** | 200 | 200 | - | | 160 | H | - | - | | | 198 11. | ** | *** | - | | |
| #A | - | | | | 1255 | | | | | | - 00 | 94 | Z | | Hir | 1122 |
| - | | | | | : 52 | F | - | - | 100 | 2000 | 346 | 101 | * | -,44 | 15 | 490 |
| * * | - | 10 | | | | F | - | - | | 1000 | 14 | 100 | 6 | | RY. | :11: |
| | - | | | | 196 | | | - | - | | | - | - 6 | *11 | 33 | 172 |
| | | ൲ | - | | 66 | | þe | *** | 77 | - | 110 | - | 300 | | WE | 172 |
| n. s | - | | - | 器 | 100 | F | | ~ | 101 101 100 100 100 100 100 100 100 100 | 2.72 | 17000 | - EX | 4 | 4 | 3 | 163 |
| | nn. | 95 | - | | 14 | F | - | - | | -524 | | | | | | |
| 23 | - | - | - | | w | F | | | | | | | | ass | | |
| ži. | - | - | | 五 | 22 | ŀ | | - | | 10000 | egg. | 9 | 100 | | - | W S |
| | | | | | | | | | | | | | | | 380 | |

CONTRACTOR AND

The history of Associeus transport averalli levelopeners as traced in those clusts cover ing properts of Douglas, Boeing, Consolidad Value Lackheed, Carthe Weight and Glean Mirths - The charts neep prepared by the averagem demainment of vanious Adrinos

722 - ---

The NIMONICS

high-temperature allays that offer many useful properties.

As true passes, you'll hear the Namonas talked about with increasing frequency. And with good respect The Namonic slays (will discuss two of them individually in a

Self-quantities Wissoner 75° (see shoulds in observable to the Collection by the section to a superior and correspond to the property of the company of the

streety leaded to those applications. Wherever solut temperatures push above 2450°F, Netwere "75° may well be kept an mond. It provides — High creep and feitigue strength — High cardeton remitance at allevated.

 A low coefficient of sepanasio, similar to mid steel (holds distortion to a relatively law level)

The second of these high-temperature alloys (eveliable in her stock only) in Nemano "M"A.

aveilable in her stock only) is Nemous "50"A. One is the standard material used for moving dades in seasily very production accredit butbus is Great Britain II is the material used, too, for





consists to pay with it the part of the

tables Medes of Petel & Whitney J-42 Turbo-Waga, the jet fast hive flow more then \$50,000 hours restlect a maple analyse bleds fession. The poture shows shown the sensioner, condition of these blades after a \$500-boar test run. Emensuring a forging alloy, Norsione '80'A compared forcettly with other along designed for long periods of high-suppositions errories under error.

Both of these Numeric alloys have working qualties that greatly recrease their range of unfalores to the designer. They can be resolved by commonly-and methods, and with standard engament. Their toughness and suposity for works hardering becomes call for comful food discussion.

Walking in readily accomplished by say of these shoder any-acetyleon, mort gas ser, metalike are, sh, spot, atoch, sees or buck. Detailed informane procedures in realishib, and faron's Technical Service Section will be glied to furnish it upon

In fast, when you need help with any motal or debtes, webeing. But it respectation, end on rechanged ferrire properties and on rechanged ferrires. Therein no change, no chiquenge, Conveils your Daterbates of Auco Relati Alloys for the lateral relativeshoot convenient behavior than a street of the lateral relativeshoot convenient behavior between and wild. Recember, 100 - 6 shrows believe to extend the part regulationaria wild in advance, and regulationaria wild in advance.

lickal Allove

MARCO - TO MARCO - TO ADME - AT C MARC TO ADME - MICHAEL - MICHAEL TO - MICHAEL THE MICHAEL - MICHAEL - MICHAEL DOY CANCON MICHAEL - MICHAEL - MICHAEL DOY CANCON MICHAEL - MICH



It takes PRECISION MANUFACTURING to say "HERE THEY COME"

The big round serves on top of the mabile traffer. is a rador enterno-part of a new fire-central eve-Details not clearlied for accounty remove. Heavever, many improvements and refrequency, make the device more informative, effective and flexible We make the radar antenna and the intricate. precision years that nemate the criters, for the

Western Electric Commons, Generathat went he precise, because gene errors of ten-chapsendths of Own is a record of 37 years of agertains drains.

engineering development and production. Today, 90% of our defense work is in sircesft and ordmany contracts. We help work the extender of exactness which strengthen the defenses and one test the security of America.



engineers and manufacturers Springfield, Ohio

AIR TRANSPORT

CAB Launches New Airline Fares Study

- · Board plans to reset six cerrier profit standards.
- · New passenger rates will be proposed next year. By Lee Moore

a med former drading for the unit to · Determine "researchie" pentit

· Anchor present fare structure. CAB will propose now rates early

able ofter end-1954. This program replace the controvous reared our north. Agines persuaded the Reed mother to drug that geochastion. Some Board officials some that the new the inner before pang to bearing Other Board officials are skewhool Plant Experience-in the 14 years of CAR taken and resolution to date the

Detailed application of the plan as extinct is the program memorarders as of the custor face structure. Many traffed appeared, to the study of these wide to the common structheddon's country

Domestic Trunkline Farnings helden' MAGIE. 1799-511 Noshwar Weber * Not review in until immercent to set until other team has index between and problemed Stribenshi as a person of early sed out transformed. ** Commerce stratebooks proper as make in an analysis of the property of the commerce of the comm

France CAS Storms of hir directions called in Consect Passenger Parts

sweet from of different entries and distance and trofit density, free defera highest which in used mostly our mostly of Mape concern of the Board is the treakings have exceed 12 to 10% on total reveniences and 12 to 15% on note of people orders for an appear by a secretally the problem of all com-The Board-spectred mensurature retrators to confere following once

text of autocobleges of a room for of sythic ortion at respendite rate case ➤ Stolf Approach—Here is the stolf's de-

the around rate of profit wouldble to The Bend one this waddisk as a

street, recording to Rose and Rates Di-

Retay on total twentment. This is

profit to gen ferentee confidence with

-after all other changes including rates on of a company set appraisity as a new contain of the average book value of Company directors decide how guids

1949 6 1498 12 1952 - 14 Filow It Washando the trus-Atlante and one one of TWA and Pur Americts poy pending, because counted any Pole Replaced to and sturn some

Domestic Trunkline

Esemine 1939.52

CARL by to save of the water there total savestraces, rates afficials point As on example, a company starts and The reventuation will custom the . Long term goods level. The last mathe company because a wither \$1 mil. per problem in evoluting missimable

of the others of the common stackes as equilier of father substantial · Sales resigns or markup. Some air muchler of changes in the outline par-

Hewever, in ampliance annewless, opposed by the scribers

Mady to army to some tribucol ad-

lower their could marries. The Basel

miking on processor first. Sales peofer

CAR savetymes was the puters, as do

other times of companion as a short

North American Fights for Rate Cut

North Appendix Authors, dominant · Baselo its sighth four-cause time port, a Dougles DC4, from Delta.

the first racingles the DC-68s, fol-· Elected Scener Scentur Jesoph C.

a Ecknod a 250 core consoner study

he 1975 and shift love consult store miles to the coefficient entires now "guadfather" compenies which has First Class vs. "Air Bm" Les Acerdes Chin

property for the economics of air traf-O'Mahoney added that "twoonly cutic which was notated by 'excepor 1967. He 'emphishen' would ment hearings next work maned at cob-

O Makency and that there were 16 trafficialities when the Civil Acre

Airlines Talk Wages When talks of Manters Country No.

Ansett to Boy TOA (McGrow Bill World News)

AVIATION WITE Ann 15, 7953

Germans Plan All-Piston Airline deley of programment appropriate with Allies.

But start of new Lafthania operations is postnoped by

By Grould W. Schroder

not themselves so my way, they see word for Lofthern

Protoe-Powered Flort-In the morn Plana for the purchase of act or busho will sin by a full year for delivery all



I'V WORTH TERMINAL BAS 100 VISITOR Good Corone XC-W gases transport as seen. Joses fixed with a understand new referen Interesting Agent. Try., which was the Consur's new your manades a sole to cornel for mover on Apr 26. The photo which the size of the bir where use be hose the executed EXAF tensored has executed



TO MAINTAIN

ITS LEADERSHIP

MUST HIDE

POT WORK, TIME 2 IN

now for Labbarra. Assen, the alternocatablebed in schools in other Hista-

DESIGN and DRAFTING Power Plant Installation Howarer, source in Duomidorf re-

STRESS ANALYSIS FLUTTER and DYNAMICS panding weavers in the fields

Engineers in the fields listed shore. Lathauer on rous to the U.S., South At COMPANY is blendy for have been with smaller toner there hour cornton coverb sell effect CONVAIR

month \$1,622 (60) in change Within

monability has not set been fully em-

Lettern other will per proof dries P. Watchfell Watting The German ore router. The same spekes to the feature

Fred Lee Starts Safety Reshuffle

recognized as one of the heat equilibrial

or the Washington Office of Arterion Safety setup. Both new reposition are



Residualisat in its Assolines Dalone Dates - his colored three of the 44-measurer educa-140 to be defined to the corter. Altrife for more jets senior fits surmer.

ASSETTION WITH June 15 1907

Detail Below setting the ton one

CAR OPDERS

Southwest Aircraft first and gate fixed at Studenty, Inc., orbeight formular

Now York Assesse garded completes to dance president presided May 25. Armen pike certificity of Robert Action mint confidents of Course Leaves





franch half is defend by AMBUSE of the AMBUSE of Insulated Date was \$1.00 threaded beautiful mated. These buds second beautiful Suffreshed See Hit IS SE Syladar-head Reymost Type for you Appellit Swag Sundres allow tiples should not study going made last sounds temperature informics. Application Separate Vapo, and will In addition to those (Francisco, we some

THE LEWIS ENGINEERING CO.



Completely Sealed for Extra Safety







IERGERS 19007 -- Completely availed, share circus breakers provide

A COMMOND MARKET OFF PERSONNEL Without our 150 house completely weatherproofs and Congresses beenkers. a Second record - Windowski value con ton Co. . VEHITES BUILDING -- for proved persons military mentioning on

after UAL out lack to DC4 amount out-

Employ America Addison and Overson Entitle Awhers provided correspond to By terminables, from West Poles Bracis, Pl

erver petters to Moho Falls, Sighhod. CAB CALENDAR

National Aglicia Menu Philadelelea

Sales evolutor charge so fuel coup-

SEARCHLIGHT SECTION ADVENTAGE OPPORTUNITIES . EQUIPMENT-USED OF RESALE

STRESS

ENGINEERS

HECKANICAL DESIGN ANALYSIS

MEDONNELL

ALE DOTWANIES OFFICE

You Dansey he heard DEMOCRE PLACEMENT SOCCOMER St Laws Minned

A Corporation NELICOPTIES

GUIDRO MISULES

the advertising rate is \$1.00 per lack to the advertising appropriate on when there is treated book. On their same queled as SA ALVERTONIC DICK is represed ! drieding are is suched at these prin

PHOTS On the in Contract

THE PARTY OF THE P

Bell D. Levis, Wheney,

Salbin MICHARDS or a proper of the control of the control provinced experience of the control provinced experience of the control of

MANAGE OFFICE COMMEN

Statements and Sales Proposessation

AVAIDED NOTE AND IS NOT

NEW CARRIES AT RYAN THE ROOM COMMENT AND A SHARP OF * Airbares December

A Power Most Souloses ASSOCIATION COMPANY

Elevator of Engineering

ELECTRONICS ENGINEERS WANTED

SOUTHERN CALLEDONIA Aborto prestudios etent in

Story Aspector upon experience

Chief Engineer

Daugens -BREIST BECKET CHIPARY IN

Restronies Inginees Serves and Controls Name of Address of Street or other Designation of the Owner, where the Personal Property of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which is Rectronic Bouloweet

NATIONAL COMMISSION WANTED: SELVEMAN

oriented from in Middenia, Sel ply with complete information to MW-8881, Aventure Wash for to be in their York M. Se

FIELD ENGINEERS

to enthick to pay offery you will began a first ethicseld-and a payment base it spends for common adjustment. It per to besting the an assumpting with a provide and a

FLECTRONIC HEFULHIFAD

"AC" OFFERS A Chollenge to Men of Resourcefulness

We need soon of high relies reportered to the field of abbases asing party distributed again control approach. You will be expressed at the morpholym and domhomest of highly complex equipment of the mad NAME AND DESCRIPTION OF PERSONS ASSESSED. MACATION and pay RESPITATION SERVER SAVEN ON THE SERVER SAVEN OF THE SAVEN OF THE SERVER SAVEN OF THE SERVER SAVEN OF THE SAVEN OF begin company anything brooth; DPDGG socient to introduce to all should by an For lar experienced anglessons profester, we have a June Regime Serving Stagoon which makes a people for you in became appointed

GENERAL MOTORS CORPORATION

Dallas Texas OFFERS

AND OTHER TECHNICAL PERSONNEL GOOD POSITIONS IN

AFRODYNAMICS ELECTRICAL INSTALLATION POWER PLANT INSTALLATION ANALOGUE & DISITAL COMPUTERS

ENGINEERING PROCEDURES & FLANNING EXCELLENT OFFICE PROPERTY.

ATTENTION ENGINEERING PERSONNEL BOX 6191, DALLAS, TEXAS

California Bosortuni for Leaster and Worston Codesars To conduct their and employed

could need except the products POS PURINT TREE PHRINKERS and william strength

Added Total and a 1995

SANTA MONICA, CALIFORNIA ANIATION WHILE John 15 1963

DESIGN RESEARCH DEVELOPMENT

key words to your employment apportunities at GOODYEAR AIRCRAFT . . . niceer and lander in lighter-thousir conft on established and proving company building an outstanding technical regulation

DESIGN ENGINEERING assortanities must be the facks of outbox, orninger, and community, nickensors, neuro-about instellations, controls, by-

denality electronics nations foul cells counsins and wheels and brokes DEVELOPMENT at missiles, jet aircroft, and believeters, electric and elec-

trance potent servamechanisms, fiber roun lammetes, and many other esticity seatest on expect need for cauchly engineers WELDING PAGINFFES visit engineers, merbenized excessors with oblifty

is match belongs and industrial consistent consistent in time study are seeded. Job reportenities also exist for technical editors and illustrators

recent evaluates. Salarus are board on education, ability, and experience PAID VACATIONS, feet group life reservant, a road hespitalization pleaand not have compressed agains also alread ecceptus, and free parking are emong the fecilities at the plant

A FRIENDLY CITY, Akres, Ohio, is breeted in the center of the wideostore. redustrial reases



GOODYFAR AIRCRAFT CORPORATION, 1210 Massillen Read, Akron 15. Ohia ANATIGN WHEE Jees 15, 1511

SEASCHLIGHT SECTION

NEW OPPORTUNITIES IN AIRCRAFT ENGINEERING

research, design, development, consularitating and test programs for we fighter extends and resided missiles. Operance

Either experienced or recently graduated engineers will able to the following fields:

RESEARCH AND DEVELOPMENT

Flight Test Anelises AIRCRAFT DISION, MPG. AND TEST

Antoneo Design

Decironic Text Many company beautity surjection control being allege. Inquiries may be directed to Engineering Personnel Section, Chance Vesselt Averselt, P. Q. Hox 5907, Dallier, Trease.

> CHANCE VOUGHT AIRCRAFT

OPPORTUNITIES AIRCRAFT ENGINEERS

TULSA OKLAHOMA Einless

BROKES ARREST COMPANY TULLA GELANDIA

> MECHANICAL **FNCINFFRS**

PHYSICISTS

SALARIES OPEN

THE BUILDS IN PRESENT COMPANY

RESIDECK HEIGHTS, MISTLAND



MECHANICAL DEDICK ENGINEER. fire years experience in design of

WRITE TO SOLAR AIRCRAFT CO. 200 PACIFIC HIGHWAY

SAN BIRGO, CALIF.

OF TAXABLE AND DESIGNATION OF ANCHAY TALLS A SHIPPER SINCE SHE The Par Suffice by Day

> Now Area loads . LATEST ECOL BESCHCRAFTS Two-first per Twee and Transport
> Converted in to an expressive
> For the first used ECEANGRATE restort year AN : AND : MS : NAT : NAS Stendard Perts Books Stendard Perit Book JOHNSON BISSARCH CORP.

R-2800's \$3500.00 Each There employs see 00 to time since C.A.A.

GAA APPROVE OVERHALIS ATT WHAT AND DESIGN CALL CARRY OUT THE 12 WARRANT AS CATCHE INSPEC SHYPEE IN Desired No. 1804 Fig. ton 18th retained St. States

Specialists

Performance evaluation

The Glenn L. Murtin Co.

INSTRUMENTS ENGINEER Authorized Fastery Sales Liquid Rocket Eclipse-Pioneer

maders had cally and home been property

Vallemon *II & Gomes CAA Assured Easter Station

SEARCHLIGHT SECTION

CALL . MINE . WEITE INSTRUMENT ASSOCIATES

COR SALE BeHavilland Dove 202 hours since new

Septel Ol & Gos Ca.



Complete Overhaul & Maintenance of All Types of Aircraft

Southern California Aircraft Corn

NAVCO IN HASINSTOCK LOCKHEED PV-1 AVAILABLE FOR HAVEDIATE A E.C. 115 Out, 7 11A britany Austines Sends Man of Aspend Property HID DIO APR -- EANGE 1300 MI Caller Table State Selection Notes the Street of NAME OF TAXABLE PARTY.

Lambart Field St. Louis, 21, Mar EXECUTIVE LODESTAR New conversion with benefited

composites and made to so Wreld accept Twis Reach is

CONT. NO.

PRAFT & WRITNEY BICINE NUTS #1355 UA-38 (bring Sup Nat 1365 S/16-24 (being Sup Nat 2442 1/9-24 (being Sup Nat HASTIC STOP 11175 delical cont ary \$1.20 per C ...'5".

DOUGLAS PARTS

Number 1740 Feet Wayne, Ballets LOCKHEED LODESTAR

V Engines Wingle 1929-72A Auftrama TT 2060 Hours Arline letterer

ASTERN MECENIT SALES CORP IS Man Short, MYC

BLAS FART

SECTION OF

Distance Contra industria- 5-153 To show by he was shown WHITAH SECTION TORS WYOF SCRAPER CINES Gatests, be. showed to

PERCHERAPT POPULAS PERCEICAPT HAMIRI-WIRNIE OF Engineer contract out you agree or boar of finite out of the agree of periodic of finite out of the lost out periodic of finite out of the lost out

Second Services and MILLER SER RESIDENCE WIN 1958

UNUSUAL OPPORTUNITIES

SEARCHLIGHT

UNUSED AIRCRAFT PARTS from some set any their assemble abrests most from one of

the invest most diversified werehouse stocks in the country! Filtras tone below 25 17. ... 70 12124 Seem See Hospie Co. 20104 Marine de-21/24 Sugar

BENDALIN:

. attact las

95. Æ

William St.

Marcon Street

an assume West

et successo was

son Altres GE

THE MAN AND A

A1001

ALCOHOL:

Attended

Proping in Win We

THE PERSON VALUE

MEAN AND

AVANTION WELL June 15, 7553

Water

Pendone THE.

Che man etc.

Canton Value

AUGU CHRIDE AVENUE BANTIMERE DE MARTIANE

off these

7 15077 Constant 22 (25) 100 Between Committee Committe January Street Street SEE. - Page

Saskin

100

200000

PAS-

Circle. Mil. à APPRING. Ships.

E ha

-Bert 177 750 T STATE OF ATT HAPPENS AND

est HAPPING AGENT

SEARCHLIGHT SECTION

Ew

Till www

Service Sales

M officer

200 mg tot

an college or

- Apren

4 NO. 200

2 22500°

The state of the

ST ANGUAL REGION

er ettreta fine

Gard has COMMERCIAL SURPLUS SALES CO TELEPHONE: CUSTIS 7,3389

SHORTLINES * Air Corch Tanapast Assa based of ACTA had not elected a new president

* An Temper Ann extent socials to

miles employed for nearther sessions

Boood glasmed NAL was oversuid ook, NWA prostent H B. Harris exponent. The charge is expected to emblet clear desidentes with treater of NWA's guidourses had

* Awerior's radient spent S10 million Pay American World Acresco reseats - American Addison in choosing for con-

affection of the DC? by early No. Propert Air Lages is official its wine grades a construct sensitor to that unchannel expent petical offices which Copital Arrives sold at those Super DCSs to U. S. Sand and concal Direction, Office of Arration Sofiety. Civil Accounts: Bossi has not not

Findapper As Lance' revenued Sixta. nessy to excet its new budget, shared muck of EAL's right to fir the yester was

P Cabesa has been precised on add-New York Manne Son Just careo flight Finds Objections has signed a new Political for appearance with Cale CAB is represed by Postcaster Gen-FTune World Address last week inne

FKIM Reed Datab Ashers o re tending its Carabbean yester forther . P. United Air Lance is finding Masses maffers on as Course regimes . For American Would Assess and the food and elector power Englishes at 21 Salvedor dat lass. VACA a Decker many louises recognite the pasts official. ICLM server now entrade

Conserv a natality redespressed National Assists has oftend CAS. og fr. office healther at Standeton Field. owed the sedime \$1.5 millions the 100 a year

AVIATION CALENDAR forc 15-Securit centra of the secondly of

Sense 17-29-Mill your masters of Assetson Days 15-23-Properhams State West our

et Holman Field, 51 Paul, in Scottle m ManurapideS1 Paul Asput. Paul to Scottle m ManurapideS1 Paul Asput. to Printe street section 4710 none a Tribunes, command to the first fire months of June 25 lab Delens much meeter, four icia Society of Medicared Eugeners. Head States, Los Aprilia. life 18-Armal meeting of Diments

> his 15-female Al-Women Treasure 34 741-5eth Intrastons Avision Ex-July 15-16-135 Annual Summer Morrory print, Cart.
>
> Ang. 2-Amerika, Tax., Speces Air Prop., scientificate of Sick entirement of scientific and second Ang. 5-6-Faunts second resegres, Interes-treed Astronomical Federation, Zough Am. 18-12, Western Floringer, Story and

First Center, spercoad by Flyworth Motor Coay, Sullinity AFB and Refe 50800 Minsound America pt. 7-15-1955 SEAC Councillon Year 196. 7-15-1903 MIRL Children con Firing Dools, Fambrough, Hamphin. ed. 727-Fouth International Amounts

Sept. 1825-Eighth National Enterment Exhibit, Instrument Society of Asserte. Sept. 23 24-1951 morting of Amends Specia Seed, 20-60-Neeth named months; No. Sept. \$3-Oct. In-About electric struggious Oct. 5.5-New England section, marrier, Sp.

> SHOWERE AND DESCRIPTION OF MARKON MARKET, A WOOLE DO AVAIDON WEEK June 15, 1953

ADVERTISERS IN THIS ISSUE STREET, STREET, SEC. OF RESIDENCE MALE SPITES CARE PATTERED IN AS IN R. PRINCESS ADVIA MINISTER, Sec.

William St. Co. Commission of the Co.

PARTY OF STREET OF ANY ASSESSMENT

ROWSERPO GREEKISKE OF

PERSON, PARK CORP.

MANAGEMENT STATE

SECRETAR PROFITE BY

Married States of Laboratory and Parkers and

PERSONAL PROPERTY AND ADDRESS.

PERSONAL PROPERTY NO. SERVICE A

THE PROPERTY CO. PR.

CENTERAL SOF

reacter passens on

Personagement, two

THAT SHEET OF STREET

Control of the Party Co.

A A March 1975 Supplemental Section 20, 40, 40

DESCRIPTION OF THE PARTY OF

AND THE COURSE OF THE COURSE O O'BRANK AND ADDRESS OF THE MARKET IN ST WHEREA. IN.

PERSONAL PROPERTY AND ADDRESS. PERSONAL PROPERTY OF THE ANTO AND A STORY OF

STATE STREET, St. 22 CARE PREDICTION SHIP Married Park & 1979 Cont.

DESTRUCTION FOR STR. Committee Contraction THE REAL PROPERTY ASSESSMENT COLUMN TO SERVE ASSESSMENT PROF. BURNISH SAN & Address Ton

DECELLATION COMMENTS IN TRANSPORTER AND THE PERSON NAMED PLANTAGE SEC. SEC. THE WITHINGS OF

TORNE PLETTED TO COMMENT AND DESCRIPTIONS AND CALL SE, SE-PURCOS ANGELS NOW

> PERSONAL PROPERTY. NAME AND ADDRESS OF THE PARTY AND POSILE ASSISTED SHIP

USER PREFERENCES, MA. Line systems one

First of Burelon Real











EDITORIAL

Air Power Is Sabataged

While Art Freez Cheef of Staff Vaudeoberr nor

nitalize with a Strate Agreementown Subversaries dollar counted, alterehers on Capital Hill other witnesses, including the Air Force's Densey Clock of Stuff for Material, were revening and defending the cost to a critical cost of \$1.190.140, with a faither recovered to \$1.5 million a needfullity. Franchild's current cost for becove fight of his professional life on the need to make Cook entered officer was tolling the other Secure committee investigators that under the first schedule By Are. 30, 1971 of had halt 44 alone. Hadeexpects K-F to correlate the contract to March 1954 Exclude meanwhile has broad and at few C.119C.

more than \$150 willion (See p. 15, this steet). After their days of official Air Frace tertimony, stortly defending Kaper-Proper but condition to adverse a taildin change in these and Gen. Cook assessed to novinus charges of committee members that he had sended neverne then position. In it, he extended official Air Force "disconnectment" in the KF second. would cost more than those above coguer from the propagly established facility. The maves of that diffeeture housear is another ratter and one we have bess looking into with approhession and reget . . . the Air Force is discounted, therefore, in the per-

"Let. Work This Ow?"

"Kane Perso," said the obbond, "he less than H dess ware Mr. Koner's real figures have not yet seen the light of day

"Mr. Kainric short-fined experience in potential with Howard Hudge on the belongth from boat Ob. Kine: first from wea "A more company, below to the property woods, should have notion's seen defense or at stake. Outlier and second all partner

also year or more not make her wheelules on an experiment world

that the KF "searchas" were embarracing the ar chiefs also were testifone for appropriations. "The is not n much wate and extravaguee drewhere as the Av lave speciored in this cost, marke it's a good thing to ce out the fac below dollars In the larks of the KF second, denote the Transco-

set at once on the KF curro plane worrow, and a place - Robert H. Wood









WEST COAST DEFENSE is fortified by North American F-86D. L.A. shop essures plone's G-E powerplant peak performance.



Focility con be quickly edepted to other engine prejects.

West Coast Link of G-E World-wide Service Chain **Assures Peak Turbojet Performance**

LOS ANGELES SHOP HAS MODERNIZED OVER 1000 G-F JET ENGINES

OPTIMUM ENGINE PERFORMANCE is assured users of G-E turboiets by G.E.'s world-wide jet service engineering organization. For example: The Los Angeles modification shop-West Coast link of this world-wide chain-has modernized more than 1000 G-E jet engines. AS ENGINE IMPROVEMENTS are developed by G-E engineers, they are incorporated by the modification shop. This assures users of G-E engines in service of the latest advances even before these improvements can be tooled into the mass production lines. WEST COAST AIRFRAME MANUFACTURERS, and USAF depots

and bases using G-E jet engines, are served by the centrally-located L.A. shop. Additionally, trained shop representatives are sent into the field to assist and teach operating personnel new techniques and the use of new tools. Training programs are also conducted by the shop for G-E jet engine users as well as G-E personnel. MEETING THIS IMPORTANT STEP in the manufacturer-to-operator process, the L.A. modification shop is another of the many services

offered G-E jet engine users. General Electric Co., Schengetadu, N. Y. You can put your confidence in_



SPECIAL STAND (obove) and other Company-developed tools and jigs save time and cost of rebuilding engines.

GENERAL 🍪 ELECTRIC